

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	45128	"358".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/03 10:49
L3	53449	"382".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/03 10:49
L4	91677	2 or 3	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/03 10:49
L5	24	4 and (pixel same tag same hint)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/03 10:50
L6	24	4 and (pixel\$1 same tag\$1 same hint\$1)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/03 10:50
L7	15	6 and boundar\$3	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/03 10:51
L8	4	6 and boundar\$3 same pixel	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/03 10:51
L9	4	6 and (boundar\$3 same pixel)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/03 10:51
L10	32	((JON) near2 (MCELVAIN)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/03 10:53
L11	9	L10 and (hint\$1).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/03 10:53
L14	4	10 and (tag with plane).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/03 10:54
L15	1110	358/2.1,3.27.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/03 10:56
L16	1071	382/266,257.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/03 10:56
L17	12778	358/1.15,1.9.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/03 10:56
L18	14419	L15 or L16 or L17	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/03 10:56

## EAST Search History

L19	10	18 and (pixel\$1 and tag\$1 and hint\$1).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/03 10:56
S1	8	("5687303" "6006013" "6256104" "6327043").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/29 05:40
S2	18	((JON) near2 (MCELVAIN)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/27 15:57
S3	1	10/608802.app.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/01 23:16
S4	943	358/2.1,3.27.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/27 15:58
S5	978	382/266,257.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/27 15:59
S6	1844	S4 or S5	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 20:13
S7	4	S6 and "tag plane" and "edge rendering"	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/10 23:34
S8	10817	358/1.15,1.9.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/27 17:23
S9	12277	S8 or S6	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/27 17:13
S10	5474	358/1.15, S1.S9.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/27 17:23
S11	6340	358/1.15.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/27 17:23
S12	4918	358/1.9.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/27 17:23
S13	10817	S11 or S12	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/27 17:24

## EAST Search History

S14	4	S9 and "tag plane" and "edge rendering"	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/27 17:26
S15	4	S9 and "contone rendering module"	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/27 17:32
S16	11	"contone rendering module"	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/27 17:36
S17	197	S9 and trapping	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/27 17:37
S18	8	S17 and "contone data"	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/27 17:39
S19	103	S9 and (tag\$1 and hint\$1)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/27 17:40
S20	100	S19 and render\$4	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/27 17:40
S21	97	S20 and pixel\$1	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/27 17:41
S22	93	S21 and (first and second)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/27 17:41
S23	91	S22 and edge	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/27 17:41
S24	16	S23 and white	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/27 17:42
S25	2	S24 and non\$1white	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/27 17:42
S26	947	358/2.1,3.27.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/01 22:01
S27	980	382/266,257.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/01 22:01
S28	1850	S26 or S27	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/01 22:01

## EAST Search History

S29	20	S28 and ((edge or object) near6 render\$3).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/10 23:29
S30	5	S29 and tag	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/01 22:02
S31	2	S30 and growth	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/01 22:02
S32	4	S30 and hint	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/01 22:03
S33	2	S31 and (first and second)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/01 22:03
S34	13	S28 and ((edge or object) near6 render\$3) and pixels and (dilat\$3 or contract\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 20:14
S35	107	S28 and ((edge or object) near6 render\$3) and pixels and ((first or second) near6 region or area or surface)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/10 23:40
S36	1	08/554395.app.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/01 23:40
S37	3	("5153576"   "5225911").PN. OR ("6400467").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/01 23:47

## EAST Search History

S38	92	S28 and ((edge or object or image) same render\$3).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/01 23:49
S39	88	S38 and (first object) and (second object)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/01 23:51
S40	3	S38 and (first adj object) and (second adj object)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/01 23:51
S41	1	10/385126.app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/09 15:46
S42	1	10/385127.app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/09 15:46
S43	55083	"358"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/10 23:28
S44	60046	"382"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/10 23:28
S45	108637	S43 or S44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/10 23:28

## EAST Search History

S46	9021	S45 and ((edge or object or image or photo or photograph or picture) near6 (render\$3 or construct\$3 or represent\$5 or outline or translat\$3 or preparation or making or performance or enhance\$4)).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/10 23:33
S47	14	S46 and (((tag adj plane) or tag or id or identification or mark) with ((edge adj (render\$3 or construct\$3 or represent\$5 or outline or translat\$3 or preparation or making or performance or enhance\$4))))	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 19:27
S48	3	S47 and (pixels with (dilat\$3 or contract\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/10 23:41
S49	3	S48 and ((first or second) near6 region or area or surface)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/10 23:40
S50	8	((("4942541") or ("4115815") or ("5644366"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/10 23:54
S51	16	S46 and (tag with plane)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 00:00
S52	6	S51 and (pixels with (dilat\$3 or grow\$2 or expan\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 00:01
S53	55083	"358"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 19:27

## EAST Search History

S54	60046	"382"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 19:27
S55	108637	S53 or S54	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 20:22
S56	9021	S55 and ((edge or object or image or photo or photograph or picture) near6 (render\$3 or construct\$3 or represent\$5 or outline or translat\$3 or preparation or making or performance or enhance\$4)).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 21:00
S57	441	S56 and tag	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 19:28
S58	38	S57 and (pixels near6 (increase or decrease))	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 19:29
S59	0	S57 and (pixels near6 (increase or decrease) near10 (one and two and three))	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 19:29
S60	13	S57 and (pixels near6 (increase or decrease) near10 (length or number or two))	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 19:30
S61	79	S56 and (((modif\$7 or change\$1 or differ\$3 or alter\$5) near6 pixel\$1) near6 (increase or decrease)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 19:35
S62	10	S56 and (((modif\$7 or change\$1 or differ\$3 or alter\$5) near6 pixel\$1) near6 (increase or decrease)) near6 (edge or boundary))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 19:36
S63	50485	S55 and ((edge or object or image or photo or photograph or picture) near6 (render\$3 or construct\$3 or represent\$5 or outline or translat\$3 or preparation or making or performance or enhance\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 19:52

## EAST Search History

S64	5	S55 and (((edge or object or image or picture) near6 (render\$3)) with ((pixel\$1 near6 (dilat\$3 or contract\$3 or increase or decrease)) near6 (edge or boundary)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 19:56
S65	72	S55 and (((edge or object or image or picture) near6 (render\$3)) and ((pixel\$1 near6 (dilat\$3 or contract\$3 or increase or decrease)) near6 (edge or boundary)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 20:00
S66	909	S55 and ((edge or object or image or picture) near6 (render\$3)).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 20:03
S67	8	S66 and ((pixel\$1 near6 (dilat\$3 or contract\$3 or increase or decrease)) near6 (edge or boundary))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 20:03
S68	29	S55 and ((edge) near6 (render\$3)).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 20:04
S69	2	S68 and ((pixel\$1 near6 (dilat\$3 or contract\$3 or increase or decrease)) near6 (edge or boundary))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 20:04
S70	409	S55 and ((edge) near6 (render\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 20:04
S71	15	S70 and ((pixel\$1 near6 (dilat\$3 or contract\$3 or increase or decrease)) near6 (edge or boundary))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 20:04



## EAST Search History

S72	3	("5153576"   "5225911").PN. OR ("6400467").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 20:09
S73	969	358/2.1,3.27.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 20:14
S74	986	382/266,257.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 20:14
S75	1878	S73 or S74	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 20:14
S76	2	S75 and ((edge or object) near6 render\$3) and pixels and (dilat\$3 and contract\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 20:14
S77	313	S55 and ((edge or boundary) near6 ((increase or decrease) near6 pixel\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 20:24
S78	289	S77 and (first and second)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 20:24
S79	7	S55 and ((edge or boundary) near6 ((increase or decrease) near6 pixel\$1) with (first and second))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 20:25
S80	65	S56 and trapping	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 21:01
S81	2	S80 and (contone adj data) and (hint adj data)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 21:01

## EAST Search History

S82	2	S80 and (hint adj data)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 21:01
S83	35	S56 and (trapping same (edge or boundary))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 21:02
S84	31	S83 and pixel\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 21:02
S85	22	S84 and (increase or decrease or dilat\$3 or contract\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/11 21:02
S86	969	358/2.1,3.27.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 22:55
S87	986	382/266,257.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 22:55
S88	1878	S86 or S87	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 22:55
S89	11130	358/1.15,1.9.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 22:55
S90	12615	S89 or S88	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 22:55
S91	107	S90 and (tag\$1 and hint\$1)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 22:55
S92	103	S91 and render\$4	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 22:55
S93	99	S92 and pixel\$1	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 22:55

## EAST Search History

S94	95	S93 and (first and second)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 22:55
S95	92	S94 and edge	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 22:55
S96	1	10/607688.app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/29 05:41